

AMENDMENTS TO THE CLAIMS

Please **CANCEL** claims 13, 14 and 31-33 without prejudice or disclaimer.

Please **AMEND** claims 1, 22, 29 and 30 as shown below.

The following is a complete list of all claims in this application.

1. (Currently Amended) A display device, comprising:

a display panel for displaying an image;

a light source for generating a light beam for the display panel;

a first light guiding plate adjoining the light source and guiding the light beam generated from the light source in a first direction; and

a second light guiding plate adjoining the first light guiding plate, formed on the display panel and guiding the light beam from the first light guiding plate in a second direction substantially perpendicular to the first direction,

wherein the second light guiding plate has a first pattern partially reflecting the light beam guided from the first light guiding plate toward the display panel and partially transmitting the light beam reflected by the display panel, the first pattern having a plurality of prism-shaped patterns arranged in parallel along a predetermined direction, each prism-shaped pattern comprising a transparent surface transmitting the light beams reflected from the display panel, and a reflective surface reflecting the light beams from the light source toward the display panel, the transparent surface arranged closer to the light source and the reflective surface arranged further from the light source,

wherein a first acute angle between the transparent surface and a flat surface of the second light guiding plate is in a range between 3.0 degrees to 3.5 degrees, and a second acute angle between the reflective surface and the flat surface is in a range between 33 degrees to 34 degrees.

2. (Cancelled)
3. (Previously Presented) The display device of claim 1, wherein the light source comprises a light emission diode (LED).
4. (Previously Presented) The display device of claim 1, wherein the first light guiding plate has a second pattern for uniformly inducing the light beam from the light source toward the second light guiding plate.
5. (Previously Presented) The display device of claim 4, wherein the first light guiding plate has a first side adjoining the second light guiding plate and a second side opposite to the first side, and the second pattern is formed on the second side of the first light guiding plate.
6. (Previously Presented) The display device of claim 4, wherein the second pattern comprises a plurality of groove patterns.

7. (Previously Presented) The display device of claim 6, wherein the groove patterns have a triangular sectional shape.

8. (Previously Presented) The display device of claim 7, wherein the groove patterns have a vertex, of which an acute angle is approximately 90 degrees.

9-10. (Cancelled)

11. (Previously Presented) The display device of claim 1, wherein the second light guiding plate has a first surface facing the display panel and a second surface opposite to the first surface, and the first pattern is formed on the second surface.

12. (Previously Presented) The display device of claim 1, wherein the first pattern has a pattern inclined by an angle of 20 degrees to 30 degrees with respect to an axis formed along an interface between the first light guiding plate and the second light guiding plate.

13-14. (Cancelled)

15. (Withdrawn) The reflection type liquid crystal display of claim 1, further comprising a housing wrapping a part of the light source part and the light guiding part.

16. (Withdrawn) The reflection type liquid crystal display of claim 15, wherein the housing comprises a reflector formed at an inner surface of the housing, for reflecting toward the

light guiding part the light beams generated from the light source.

17. (Withdrawn) The reflection type liquid crystal display of claim 15, wherein the housing is made of any one selected from a group consisting of aluminum and brass.

18. (Withdrawn) The reflection type liquid crystal display of claim 1, further comprising a diffusion means disposed between the light source part and the light guiding part, for allowing to have a uniform distribution light beams generated from the light source and incident onto the light guiding part.

19. (Withdrawn) The reflection type liquid crystal display of claim 1, further comprising an anti-reflective means disposed between the light guiding part and the LCD panel part, for preventing light beams induced from the light guiding part to the LCD panel part from being reflected by a contact face between the light guiding part and the LCD panel part.

20. (Withdrawn) The reflection type liquid crystal display of claim 19, wherein the anti-reflective means comprises:

- a glue layer;
- a first zirconium dioxide (ZrO_2) layer;
- a first silicon oxide layer;
- a second zirconium dioxide (ZrO_2) layer; and
- a second silicon oxide layer.

21. (Withdrawn) The reflection type liquid crystal display of claim 20, wherein the anti-reflective means is formed at a face of the light guiding part adjacent to the light LCD panel part by depositing the second silicon oxide layer, the second zirconium dioxide layer, the first silicon oxide layer, the first zirconium dioxide layer, and the glue layer in the named order using a sputtering method.

22. (Currently Amended) A display device, comprising:
a display panel for displaying an image;
a light source generating a light beam for the display panel;
a first light guiding plate adjoining the light source to induce the light beam from the light source in a first horizontal direction and having a first pattern formed on a surface thereof for uniformly inducing the light beam; and
a second light guiding plate adjoining the first light guiding plate to induce the light beam ~~form from~~ from the first light ~~guide~~ guiding plate in a second horizontal direction and having a second pattern for reflecting the light beam vertically toward the display panel,
wherein the first horizontal direction is substantially ~~different from~~ perpendicular to the second horizontal direction.

23. (Previously Presented) The display device of claim 22, wherein the first light guiding plate has a first surface adjoining the light source, a second surface adjoining the second light guiding plate and a third surface opposite to the second surface, the first pattern being formed on the third surface.

24. (Previously Presented) The display device of claim 23, wherein the first pattern comprises a plurality of grooves.

25. (Previously Presented) The display device of claim 23, wherein the second light guiding plate has a first surface adjoining the second surface of the first light guiding plate, a second surface adjoining the display device and a third surface opposite to the first surface, the second pattern formed on the third surface.

26. (Previously Presented) The display device of claim 25, wherein the second pattern comprises a plurality of prism-shaped patterns inclined by an angle of 20 degrees to 30 degrees with respect to the second surface of the second light guiding plate.

27. (Previously Presented) The display device of claim 25, wherein each prism-shaped pattern comprises a reflective surface for reflecting the light beam from the first light guiding plate toward the display panel and a transmissive surface for transmitting the light beam reflected by the display panel, and the transmissive surface is closer to the first light guiding plate than the reflective surface.

28. (Previously Presented) The display device of claim 5, wherein the first light guiding plate further includes a third side adjoining the first side and second side, and the light source is disposed at the third side.

29. (Currently Amended) A display device, comprising:

a display panel including a plurality of pixel patterns arranged in a matrix shape;
a light source generating a light beam for the display panel; and
a light guiding plate guiding the light beam from the light source toward the display panel, the light guiding plate having patterns being slant with respect to the pixel patterns, each pattern of the light guiding plate having a transparent face and a reflective face, a cross section of the patterns forming a saw-tooth shape,

wherein the transparent face and a flat surface of the light guiding plate form an angle of about 3.0 degrees to about 3.5 degrees, and the reflective face and the flat surface of the light guiding plate form an angle of about 33 degrees to about 34 degrees.

30. (Currently Amended) The display device of claim 29, wherein the patterns of the light guiding plate ~~forms~~ form an angle of about 20 degrees to about 30 degrees with respect to an axis formed along an light incident face of the light guide place to which the light beam generated from the light source is incident.

31-33. (Cancelled)

34. (Previously Presented) The display device of claim 29, further comprising a sub light guiding plate having a first side adjoining the light guiding plate and a second side opposite to the first side, a third side adjoining the first side and second side, wherein the light source is disposed at the third side.

35. (Previously Presented) The display device of claim 34, wherein the sub light guiding plate comprises groove patterns formed at the second side to adjust a light beam path toward the light guiding plate.

36. (Previously Presented) The display device of claim 35, wherein the groove patterns have a triangular sectional shape.